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REGION 9 TECHNICAL ASSISTANCE TEAM  
MONTHLY STATUS REPORT

October 1995

Prepared For:

U.S. Environmental Protection Agency  
Region IX  
Emergency Response Section  
Mr. William E. Lewis  
Deputy Project Officer

Contract No. 68 - WO - 0073

10 November 1995

Prepared By:

Ecology and Environment, Inc.  
Region IX Technical Assistance Team



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10 November 1995

U.S. Environmental Protection Agency  
Emergency Response Section, H-8-3  
75 Hawthorne Street  
San Francisco, CA 94105

TAT# 099511-T-001  
TDD# T099510-001  
PAN# E09Z001-GK

Attention: William E. Lewis, DPO

Subject: Monthly Status Report, Region IX TAT

Gentlemen:

I am pleased to submit the enclosed Technical Assistance Team (TAT) monthly status report for the reporting period which ended on October 31, 1995.

Please contact me if you have any questions regarding the enclosed report or any other aspect of the TAT program.

Sincerely,

Thompson Chambers  
Technical Assistance Team Leader

Attachment

cc: ZPMO  
File

## TABLE OF CONTENTS

Section	Page
1.0 INTRODUCTION - EXECUTIVE SUMMARY. . . . .	1-1
2.0 REGION IX PROGRAM MANAGEMENT. . . . .	2-1
2.1 TAT Management . . . . .	2-1
2.2 Meetings . . . . .	2-1
2.3 Staffing . . . . .	2-1
2.4 Equipment. . . . .	2-1
2.5 Training . . . . .	2-2
2.6 Health and Safety. . . . .	2-2
2.7 Quality Assurance and Quality Control. . . . .	2-2
2.8 Technology Transfer. . . . .	2-2
3.0 SUMMARY OF TAT OPERATIONS . . . . .	3-1
3.1 Significant Emergency Responses. . . . .	3-1
3.2 Summary of Funding Activities. . . . .	3-1
3.3 Environmental Justice Site . . . . .	3-1
3.4 Summary of TDD Activities. . . . .	3-1
3.5 Technical Direction Documents. . . . .	3-2
3.6 Project Descriptions . . . . .	3-3
Appendix	
A - TDD Monthly Status Report	
B - Activity Account Summary Report	

## 1.0 INTRODUCTION

### Executive Summary

The U.S. Environmental Protection Agency (EPA) Region IX Technical Assistance Team (TAT) initiated or continued emergency response, assessment, and removal activities throughout the region in October 1995.

The TAT continued monitoring pump and treat operations at the Casmalia Resources site in Casmalia, California. Casmalia is the burial site for over six million drums and other landfill hazardous waste. Contaminated leachate is being pumped to an on-site treatment system. The TAT prepared an emergency contingency plan for site operations. The TAT also assisted in the design and implementation of a storm water discharge system. The TAT created a sampling and monitoring plan for a new leachate treatment system. A Photovac field GC unit was set up on site for analysis of treated water.

The TAT continued oversight of ERCS and RP contractors during excavation and backfilling of arsenic-contaminated residential soils at the Central Eureka Mine site in Sutter Creek, California. The TAT is implementing an air monitoring plan which includes documenting airborne dust migration using miniram dust monitors equipped with dataloggers.

Oversight work continued for the Yavapai Pilot Study in Prescott, Arizona. Seven pilot bio-treatment cells are proving successful in reducing PCP concentration to below site action levels. The TAT reviewed Phase II sampling plans and work plans. Oversight work continued at the Terminal Tank Farm facility in Sparks, Nevada, where groundwater extraction well installation is ongoing. For the Omega Recovery site in Whittier, California, the TAT reviewed work plans for Phase II of an RP removal.

At the Del Norte site in Crescent City, California, the TAT assisted with treatment system trouble-shooting and performed groundwater well sampling. At the Frontier Fertilizer site in Davis, California, the TAT continued bi-weekly treatment system sampling and well sounding. Pesticide contaminants in the local aquifer are being pumped and treated to below detectable levels. The TAT also sampled site monitoring wells to identify wells suitable for conversion to extraction wells.

After the Gibson Oil Recycling Company declared bankruptcy, the TAT mobilized to facilities in Bakersfield and Redwood City, California, to conduct inspections before their potential abandonment. The TAT will continue to support EPA, state and local agencies with tasks including inventory assessment, analytical data review and enforcement support.

The TAT hosted a technical exchange day forum at the E & E warehouse. Attending where 13 TATs, 6 EPA personnel and 2 U.S.C.G. Pacific Strike Team members. Research and technical development projects were discussed during the forum. Information was compiled into a digital database and disseminated.

The TAT obtained three research project TDDs. The TAT began investigation of Regional Level A capabilities, is researching Bulletin Board access capabilities useful for various team activities, and is creating an analysis paper to aid the TAT in selection of cone penetration testing and hollow stem drilling equipment on appropriate sites.

The TAT also continued several CEPP Funded projects including preparation of the Contra Costa Emergency Air Monitoring Database, coordination of Oahu Field Exercise evaluation and an evacuation guidance document.

Lotus Notes hardware was rented and software was purchased and installed by the TAT in preparation for the advent of a digital deliverable system.

The current TAT staffing level was reduced to 21 dedicated FTE with the departure of the team's CEPP specialist. CEPP work has been distributed among other TAT members.

## **2.0 REGION IX PROGRAM MANAGEMENT**

### **2.1 TAT Management**

This report is a compilation of the activities performed by TAT for EPA Region IX, encompassing both the San Francisco and Long Beach offices. Activities reported include new responses related to chemical and oil releases, site investigations and cleanups. Other topics include a number of off-site assistance projects.

The latter portion of this report includes a brief narrative of each active TDD, with a TDD status summary included in Appendix A.

### **2.2 Meetings**

The TAT management continues to hold regular weekly meetings with the Region IX DPO to coordinate upcoming project work, address program management issues, review program funding and budgets, plan inter-agency trainings, and review regional equipment and personnel resources.

The TAT management has also met several times over the past few months with Department of Justice attorneys regarding motions being filed against H.B. Chapman. The TAT has recounted project specifics and provided file information for the site work done in Nevada in 1989 and 1990.

Several meetings have also taken place to review options for maintenance and final disposition of contract project files. The option currently favored by Region IX would involve a combination of microfiching file contents and creating a searchable database.

### **2.3 Staffing**

Region IX TAT currently carries 21 dedicated FTE, with the loss of one employee this month. The region delivered at the authorized level of 24 FTE by utilizing non-dedicated regional staff, when approved by EPA, to help meet zone crossover requirements, particular regional support needs, and to compensate for attrition of dedicated team members.

### **2.4 Equipment**

Activities under the equipment TDD for this month were: (1) equipment maintenance, including fixing/repairing the Spectrace XRF instrument, Grunfos groundwater pump, and Photovac instrument; (2) vehicle maintenance, and (3) purchasing supplies. The TAT also completed the year-end inventory in Long Beach and San Francisco. They have also submitted an excess list to the DCMAO San Francisco.

## **2.5 Training**

During October 1995, one TAT member attended the EPA sponsored Asbestos Forum in Monterey, California.

## **2.6 Health and Safety**

Personnel field certification and OSHA compliance is monitored on the E & E HASTrack computer system. All the San Francisco TAT regional field personnel are in compliance with company health and safety policy requirements. The annual refresher training was completed in June and July including CPR/First Aid re-certification.

## **2.7 Quality Assurance and Quality Control**

The TAT is operating under a regional quality assurance/quality control program in accordance with Ecology and Environment, Inc. and EPA requirements. The primary program objective of ensuring proper collection of field data and generation of high quality technical documents is being achieved by conducting quality assurance assessments of workplans, site safety plans, sampling plans, and reports. Audits of field and office operating procedures are also being performed.

## **2.8 Technology Transfer**

The TAT has recently instituted a formal debriefing process following all significant projects and field activities. Participating TAT members, EPA OSCs and other agency representatives identify and discuss planning and preparation, staffing, logistics, communications, and all technical project-related issues in an effort to enable more efficient field operations.

In conjunction with the TAT's Continuous Process Improvement (CPI) program for the region, the TAT is actively transferring all technical development work to the EPA in the form of SOPs, technical briefs, deliverables, presentations, and demonstrations from three QA-related TDDs. This month, the TAT hosted a "Technology Exchange Day" at our San Francisco warehouse to present, discuss, and exchange ideas on new developments in team operations, team technical ability, and team training needs. The six-hour forum was well attended by EPA and USCG as well as Region IX TAT members and ended with a group lunch to discuss the days presentations. A searchable database is being created from the materials presented.



### 3.0 SUMMARY OF TAT OPERATIONS

#### 3.1 Significant Emergency Responses:

- o No significant emergency responses during October 1995.

#### 3.2 Environmental Justice Sites:

- o The TAT was not directed to any Environmental Justice sites during October 1995.

#### 3.3 Summary of Funding Activity for 1-31 October 1995:

- |   |        |       |
|---|--------|-------|
| o | CERCLA | 96.0% |
| o | OPA    | 3.0%  |
| o | CEPP   | 1.0%  |

#### 3.4 Summary of TDD Activities for 1-31 October 1995:

- |                  | <u>October</u> | <u>Cumulative</u> |
|------------------|----------------|-------------------|
| o Issued (1):    | 43             | 43                |
| o Completed (2): | 03             | 03                |
| o Open (3):      |                | 40                |

- (1) new TDDs only (does not include amendments or cancellations)  
(2) submitted as Interim AOC, or Final AOC (if no Interim was issued)  
(3) no AOC issued

### 3.5 Technical Direction Documents for 1-31 October 1995:

- o SPCC Inspections [C]: 00
- o On-Scene Monitoring [B]: 00
- o Spill Cleanup Funded [D]: 00
- o Site Assessment [S]: 05
  - T099510-027 ECA1973-SC Central Eureka Mine
  - T099510-031 EAZ0415-SC Sanders Aviation
  - T099510-038 ECA2015-SA Gibson Environmental - Bakersfield
  - T099510-039 ECA2016-SA Gibson Environmental - Redwood City
- o Removal Funded [F]: 06
  - T099510-022 ECA1218-FA Frontier Fertilizer
  - T099510-023 EAZ0444-FC Navajo Toxaphene
  - T099510-026 ECA1973-FB Central Eureka Mine
  - T099510-028 ECA1019-FE Del Norte Pesticides
  - T099510-029 ECA0156-FE Casmalia Resources
  - T099510-042 ECA1990-FA Verdese Carter Park
- o Removal Potentially Responsible Party (PRP) (AO/CO) [R]: 03
  - T099510-030 ENV0054-RD Sparks Solvent/Fuel Plume
  - T099510-032 EAZ0434-RD Yavapai/Stone Container
  - T099510-033 ECA1940-RB Omega Recovery Services
- o On-Site Monitoring [M]: 01
  - T099510-025 ECA0561-MB Dodson Brothers
- o Special Project [J]: 01
  - T099510-101 E09Z166-JA Digitization Pilot Project
- o Analytical Services [A]: 00
- o Corporate Special Project [K]: 00
- o Preparedness [P]: 05
  - T099510-017 E09Z003-PD CEPP Management
  - T099510-018 E09Z171-PC Emergency Air Monitoring Directory
  - T099510-019 E09Z090-PD Oahu Full-Field Exercise
  - T099510-020 E09Z189-PB Evacuation Guidance Document
  - T099510-021 E09Z175-PB Southern Pacific Railroad CSA
- o Underground Storage Tanks (UST) [U]: 00
- o Federal Emergency Management Agency (FEMA) [E]: 00
- o Quality Assurance [Q]: 04
  - T099510-009 E09Z062-QH QA/QC Program Coordination
  - T099510-013 E09Z203-QA Analytical Quality Assurance
  - T099510-014 E09Z204-QA Technical Quality Assurance
  - T099510-035 E09Z193-QA Technical Quality Assurance Exchange

- o Training [T]: 02
  - T099510-004 E09Z007-TK General TAT Training
  - T099510-041 E09Z172-TE CCC Training
- o Program Management [G]: 06
  - T099510-001 E09Z001-GK General Program Management
  - T099510-002 E09Z002-GK OPA General Program Management
  - T099510-005 E09Z177-GD TAT Equipment Coordination
  - T099510-010 E09Z200-GA Health & Safety Coordination
  - T099510-011 E09Z201-GA TAT Administrative Support
  - T099510-016 E09Z206-GA Regional Contribution to Fixed E & E
- o Technical Assistance [V]: 07
  - T099510-003 E09Z004-VK EPA Region 9 Spill Phone
  - T099510-006 E09Z132-VC Spectrace Evaluation (XRF)
  - T099510-012 E09Z202-VA On-Call/Response Call-Out
  - T099510-024 ECA1211-VD Diamond 20 Asbestos Site
  - T099510-034 E09Z191-VD Oil Spill Exercise
  - T099510-037 E09Z195-VA Level "A" Justification & Develop SOP
  - T099510-040 E09Z196-VA CPT & Hollow Stem Evaluation
- o Information Management [N]: 04
  - T099510-007 E09Z166-NC Digitization Pilot Project
  - T099510-008 E09Z023-NH Regional CERCLIS Coordination
  - T099510-015 E09Z205-NA Computer Support/Management
  - T099510-036 E09Z194-NA Bulletin Board System

### **3.6 Project Descriptions for 1-31 October 1995:**

Below are narrative descriptions for TDDs active during the month of October 1995:

<b>TDD#:</b> T099510-001	<b>GENERAL PROGRAM MANAGEMENT</b>
<b>PAN#:</b> E09Z001-GK	<b>PROGRAM MANAGEMENT</b>
<b>STATUS:</b> OPEN	<b>SAN FRANCISCO &amp; LONG BEACH, CALIFORNIA</b>

The TATL and both regional ATATLs expended TDD hours this month for overall program and office management activities, which included: project staffing, TDD administration, health and safety oversight, subcontracting administration, capital inventory maintenance, overall program and deliverable QA/QC, technical training, and personnel/team development. The TAT management has also formed an ad hoc committee to review and develop options for modifying/improving the performance evaluation and peer review protocols used by the team. This committee will investigate several new protocols, including some available through commercial vendors, and will report their findings to the whole team in the next few months. The TAT continues to research and develop new electronic forms of contract deliverables utilizing the EPA's new Lotus Notes software platform. Other issues requiring management attention this month included: contract file maintenance and review of options for final disposition; coordinating with DOJ and EPA-ORC attorneys in response to several subpoenas and pending motions; and, reviewing project files and historical data with EPA-I.G. investigators for the Casmalia Resources project.

<b>TDD#:</b> T099510-002	<b>OPA/CWA GENERAL PROGRAM MANAGEMENT</b>
<b>PAN#:</b> E09Z002-GK	<b>PROGRAM MANAGEMENT</b>
<b>STATUS:</b> OPEN	<b>SAN FRANCISCO &amp; LONG BEACH, CALIFORNIA</b>

Under this TDD, the TAT provides management for the proper implementation and timely completion of OPA funded projects. The TAT management coordinates related activities with the ERS, assigns and monitors personnel on funded activities, provides QA/QC on all written and final documentation, and tracks and reviews related project costs within the allotted budget. OPA management for Region IX TAT will continue throughout the quarter under this TDD.

<b>TDD#:</b> T099510-003	<b>EPA SPILL PHONE</b>
<b>PAN#:</b> E09Z004-VK	<b>TECHNICAL ASSISTANCE</b>
<b>STATUS:</b> OPEN	<b>SAN FRANCISCO, CALIFORNIA</b>

The EPA Region IX Spill Phone is answered by the TAT on Monday through Friday from 0700 to 1700 hours. A primary team member is assigned to the phone to provide continuous coverage. In October 1995, the TAT processed 426 spill reports.

**TDD#:** T099510-004  
**PAN#:** E09Z007-TK  
**STATUS:** OPEN

**GENERAL TAT TRAINING  
TRAINING  
SAN FRANCISCO & LONG BEACH, CALIFORNIA**

During October 1995, one TAT member attended the EPA sponsored Asbestos Forum in Monterey, California.

**TDD#:** T099510-005  
**PAN#:** E09Z177-GD  
**STATUS:** INTERIM

**TAT EQUIPMENT MAINTENANCE/MANAGEMENT  
PROGRAM MANAGEMENT  
SAN FRANCISCO & LONG BEACH, CALIFORNIA**

Activities under this TDD for this month were: (1) equipment maintenance, including fixing/repairing the Spectrace XRF instrument, Grundfos groundwater pump and Photovac GC instrument; (2) vehicle maintenance, and (3) purchasing supplies. The TAT has also completed the year end inventory in Long Beach and San Francisco. They have also submitted an excess list to the DCMAO San Francisco.

**TDD#:** T099510-006  
**PAN#:** E09Z132-VC  
**STATUS:** OPEN

**SPECTRACE EVALUATION  
TECHNICAL ASSISTANCE  
SAN FRANCISCO, CALIFORNIA**

The TAT has evaluated the Spectrace 9000 XRF over a two year period at various sites throughout the region. The TAT has completed the evaluation and will deliver the information at a presentation to be held in October. A final letter report will be submitted following the presentation.

**TDD#:** T099510-007  
**PAN#:** E09Z166-NC  
**STATUS:** OPEN

**DIGITIZATION PILOT PROJECT  
INFORMATION MANAGEMENT  
SAN FRANCISCO, CALIFORNIA**

The TAT is developing a proposal to digitize TAT reports onto the existing EPA's Lotus Notes platform. The TAT researched authoring and mastering software, as well as hardware requirements. A Technical Assistance Lotus Extension (TALE) proposal has been developed and forwarded to the agency. System requirements with cost analyses have been forwarded to the DPO for action. The TAT personnel attended Lotus Notes training classes at EPA during August 1995. The TAT has a working copy of Lotus Notes and an account will be installed at E & E by EPA personnel. Digitized deliverables will then be generated and submitted to EPA via modem and deliverable protocols will be developed prior to implementing this system.

**TDD#:** T099510-008  
**PAN#:** E09Z023-NH  
**STATUS:** OPEN

**REGIONAL CERCLIS COORDINATOR  
INFORMATION MANAGEMENT  
SAN FRANCISCO & LONG BEACH, CALIFORNIA**

The TAT is operating a regional CERCLIS program under the guidance of the USEPA. Comprehensive information management support is provided and database information sheets regarding Superfund removal sites are completed.

**TDD#:** T099510-009  
**PAN#:** E09Z062-QH  
**STATUS:** OPEN

**QA/QC COORDINATION**  
**QUALITY ASSURANCE**  
**SAN FRANCISCO, CALIFORNIA**

The Regional QA/QC Program, in accordance with E & E and EPA requirements, ensures the generation of accurate and high quality field data and formal reports. Quality assurance assessments of work plans, site safety plans, sampling plans, reports, and field audits will be conducted. Standard operating procedures will be referenced.

**TDD#:** T099510-010  
**PAN#:** E09Z200-GA  
**STATUS:** OPEN

**HEALTH & SAFETY COORDINATION**  
**PROGRAM MANAGEMENT**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

Personnel field certification and OSHA compliance is monitored on the E & E HASTrack computer system. All the San Francisco TAT regional field personnel are in compliance with company health and safety policy requirements. The annual refresher training was completed in June and July including CPR/First Aid re-certification.

**TDD#:** T099510-011  
**PAN#:** E09Z201-GA  
**STATUS:** OPEN

**TAT ADMINISTRATIVE SUPPORT**  
**PROGRAM MANAGEMENT**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

In order for the TAT to run smoothly, efficiently and effectively, the TAT administrative staff are continually supporting the Region IX TAT in San Francisco and Long Beach office by maintaining the required office files, providing word processing, accounting support, and reception. One TAT administrative assistant is in charge of coordinating TDD/AOC with the TAT members and EPA personnel. She also is in charge of assigning waste site tracking numbers in order for the team members to correctly charge labor and other direct costs to the proper projects. Other duties include regular tracking of project due dates, hours, costs for TAT project managers as well as EPA project managers. The TAT administrative staff provides administrative, clerical support as required.

**TDD#:** T099510-012  
**PAN#:** E09Z202-VA  
**STATUS:** OPEN

**ON-CALL/RESPONSE CALL-OUT**  
**TECHNICAL ASSISTANCE**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

The TAT provides 24-hour on-call and emergency response capabilities out of both the Long Beach and San Francisco offices. Two TAT members are always on-call in each office. There were no response call-outs in October 1995.

**TDD#:** T099510-013  
**PAN#:** E09Z203-QA  
**STATUS:** OPEN

**ANALYTICAL QUALITY ASSURANCE**  
**QUALITY ASSURANCE**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

The TAT provided non-site specific Analytical Quality Assurance for the ERS and the TAT program. Duties in October involved assisting with government investigation of a laboratory formerly used by the TAT.

**TDD#:** T099510-014  
**PAN#:** E09Z204-QA  
**STATUS:** OPEN

**TECHNICAL QUALITY CONTROL**  
**QUALITY ASSURANCE**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

The TAT will use these hours to conduct technical research and development activities as directed by OSCs, or as needed based on team development objectives. Dissemination of information will be in the form of Fact Sheets entered into the TAT database, and training as required.

**TDD#:** T099510-015  
**PAN#:** E09Z205-NA  
**STATUS:** OPEN

**COMPUTER SUPPORT/MANAGEMENT**  
**INFORMATION MANAGEMENT**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

This Technical Direction Document provides computer support for the TAT. Computer training of TAT members will be conducted under this TDD, as well as computer virus checks and elimination. Maintenance and coordination of computer hardware and software for both TAT-dedicated and non-TAT computers will also be performed. With the introduction of Lotus Notes as the EPA Region IX TAT's integrated database/information management system, this TDD will provide the support needed to install and maintain associated hardware and software.

**TDD#:** T099510-016  
**PAN#:** E09Z206-GA  
**STATUS:** OPEN

**REGIONAL CONTRIBUTION TO FIXED E & E**  
**PROGRAM MANAGEMENT**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

This TDD was opened as an accounting mechanism for program budget tracking at the regional level for the EPA Region IX contribution to the E & E contract fixed fee for option period 3A. No labor or other direct costs will be charged under this TDD.

**TDD#:** T099510-017  
**PAN#:** E09Z003-PD  
**STATUS:** OPEN

**CEPP MANAGEMENT ACTIVITY STARTUP**  
**PREPAREDNESS**  
**SAN FRANCISCO, CALIFORNIA**

The TAT has received a CEPP management TDD to be used during this semester for preparing project cost estimates. The TAT will use this TDD to provide administrative oversight, cost accounting, and preliminary project planning meetings. The CEPP TDD is being used for administrative costs related to the Honolulu field exercise, evacuation guidance document, air monitoring manual, Southern Pacific Railroad Safety Audit and initial activities of the Puna Geothermal Emergency Response Plan evaluation.

**TDD#:** T099510-018  
**PAN#:** E09Z171-PC  
**STATUS:** OPEN

**EMERGENCY AIR MONITORING DIRECTORY**  
**PREPAREDNESS**  
**CONTRA-COSTA, CALIFORNIA**

The TAT has reviewed the Emergency Air Monitoring TDD and has begun initial meetings with the EPA to refine and implement the scope of work. The TAT is tasked with preparing a county-wide (Contra Costa County) air monitoring resource directory to upgrade local response preparedness. The TAT has conducted in-depth interviews with emergency response and analytical laboratory officials in the city of Richmond, Contra Costa

County, and Air Resources Board laboratories in Sacramento, California. The TAT has also evaluated air monitoring resources of Chevron, USA and Chevron Research and Technology, Inc. (a part of Chevron, USA) and is initiating development of the database for the regional directory. The TAT is now entering information in the database regarding local emergency air monitoring and sampling capabilities, and analytical services laboratories in the San Francisco Bay Area.

**TDD#: T099510-019**                      **OAHU FULL-FIELD EXERCISE**  
**PAN#: E09Z090-PD**                      **PREPAREDNESS**  
**STATUS: OPEN**                              **SAN FRANCISCO, CALIFORNIA**

The TAT made a presentation on the Oahu Full-Field Exercise to the Oceanic Regional Response Team, provided pre-exercise training, conducted the exercise and led the formal after-action evaluation. The TAT is preparing the final evaluation report based on comments from key players involved in the exercise.

**TDD#: T099510-020**                      **EVACUATION GUIDANCE DOCUMENT**  
**PAN#: E09Z189-PB**                      **PREPAREDNESS**  
**STATUS: OPEN**                              **SAN FRANCISCO, CALIFORNIA**

The TAT has begun preparing the evacuation shelter-in-place, guidance manual and decision tree document by reviewing current relevant FEMA publications. The TAT has ordered relevant publications from various local agencies and FEMA and is in the process of conducting background information gathering. The TAT has met with representatives of the Los Angeles County Fire Department, Los Angeles County Health and Hazardous Materials Division, and Los Angeles Unified School District to discuss case histories for inclusion in the document. The TAT is currently writing the guidance manual.

**TDD#: T099510-021**                      **SOUTHERN PACIFIC RAILROAD CSA**  
**PAN#: E09Z175-PB**                      **PREPAREDNESS**  
**STATUS: OPEN**                              **SAN FRANCISCO, CALIFORNIA**

The TAT submitted evaluations of the Southern Pacific Railroads emergency preparedness management plan to the EPA in February of 1995. A draft safety audit document, which included the TAT's and the EPA's evaluation, is currently being reviewed by Southern Pacific Railroad. The final report will be edited and distributed by the TAT after Southern Pacific's comments are received and incorporated.

**TDD#: T099510-022**                      **FRONTIER FERTILIZER**  
**PAN#: ECA1218-FB**                      **REMOVAL FUNDED**  
**STATUS: OPEN**                              **DAVIS, CALIFORNIA**

Field work at the Frontier Fertilizer Site commenced on April 17, 1995. To date, work completed at the site includes installation of 11 extraction wells, abandonment of 4 monitoring wells, and redevelopment of 10 existing monitoring wells. In May, six new injection wells were added south of the former pesticide source area. These wells inject treated groundwater from the pump-and-treat system back into the two uppermost semi-confined aquifers upgradient of the former source area. It is



expected that injection of groundwater will serve to flush pesticide-contaminated soils and reduce the time required to remediate this site. Well installation was completed on May 26, 1995. During mid-to late-May the EPA completed a high voltage electron beam pilot-scale groundwater treatment test, the results of which are pending. This unit is intended to run either alone or parallel to a conventional granular activated carbon (GAC) system. The TAT prepared a QASP for periodic sampling of the groundwater pump-and-treat system and sampling of influent and effluent began in mid-July on a weekly basis. During June 1995, the TAT visited the site to learn the operation of the software that will control the pump-and-treat system. The QASP completed by the TAT outlines three objectives of sampling: 1) monitoring the influent from S1-S2 and A1 aquifer wastestreams; 2) checking for breakthrough in the GAC units; and 3) monitoring the effluent to comply with discharge permit requirements for the city of Davis. Dates of sampling in July were the 14th, 21st and 27th. Sampling will continue on a weekly basis until the breakthrough characteristics of the GAC units are clearly understood. Sampling of the pump-and-treat system continued during August on the 4th, 14th, 18th, and 25th. In addition, the TAT has begun measuring static water levels in the non-pumping wells at the site. Analytical results to date indicate up to 3,000 ppb DCP, 1,300 ppb EDB, and 30 ppb DBCP in the influent samples. All effluent samples to date have no detectable contaminants. The treatment system was sampled on September 1st, 8th, 22nd, and 29th. There was a malfunction in the system's operating software which resulted in its being shut down during the period of September 12th to the 19th. During October, the treatment system was sampled on October 18th and 31st. Also during October, the TAT was tasked by OSC Mandel to conduct a baseline groundwater sampling survey of 29 wells, including 12 extraction wells and 17 monitoring wells. This sampling was conducted between October 16-19. The purpose of the sampling was to identify the presence and levels of contaminants in individual wells as well as identifying additional monitoring wells suitable for conversion to extraction wells.

**TDD#: T099510-023**

**PAN#: EAZ0444-FC**

**STATUS: OPEN**

**NAVAJO TOXAPHENE**

**REMOVAL FUNDED**

**WINDOW ROCK, ARIZONA**

The TAT was directed to determine the extent of toxaphene soil contamination and assist in bioremediation efforts on 22 sites across the Navajo Nation. The TAT has characterized all 22 sites, evaluated all data, determined excavation requirements and calculated amendment volumes necessary for the bioremediation phase of the project. Excavation of contaminated soil and installation of bioremediation cells has been completed at all 22 sites. Bioremediation is complete at fourteen of the sites and work is currently being done to remove those treatment cells. The remaining treatment cells were sampled at the end of September to monitor bioremediation progress. The next sampling of the remaining bioremediation cells is tentatively scheduled for late Spring 1996.

**TDD#:** T099510-024  
**PAN#:** ECA1211-VD  
**STATUS:** OPEN

**DIAMOND 20 ASBESTOS  
TECHNICAL ASSISTANCE  
COPPEROPOLIS, CALIFORNIA**

The TAT provided health and safety training and technical oversight for RP funded remediation work on June 21 - 22, 1995. The oversight started immediately following the training. The TAT reviewed work plans, health and safety plans and the QASP prior to site activities. The TAT oversaw all site activities involving the encapsulating of asbestos-bearing material. Encapsulating of the material was completed in July 1995. A final report will be submitted to EPA in November 1995.

**TDD#:** T099510-025  
**PAN#:** ECA0561-MB  
**STATUS:** OPEN

**DODSON BROTHER OIL COMPANY  
ON-SITE MONITORING  
MONTCLAIR, CALIFORNIA**

In September, The TAT monitored the underground storage tank excavation and associated cleanup at the Dodson Brothers site in Montclair, California. The effort is being conducted voluntarily by the PRPs (no CERCLA Order at this time). The TAT will continue to review workplans and provide on-site monitoring and assistance for contaminated soils excavation associated with two former on-site surface impoundment areas.

**TDD#:** T099510-026  
**PAN#:** ECA1973-FB  
**STATUS:** OPEN

**CENTRAL EUREKA MINE  
REMOVAL FUNDED  
SUTTER CREEK, CALIFORNIA**

The TAT commenced health and safety oversight of removal activities at the Central Eureka Mine site in Sutter Creek, Amador County, California in July 1995. This has included documenting off-site dust migration with minirams equipped with dataloggers and overseeing personnel health and safety for ERCS and one RP contractor who are excavating and backfilling arsenic contaminated residential yards surrounding a mesa. A second RP contractor began excavation activities on the mesa in late October.

**TDD#:** T099510-027  
**PAN#:** ECA1973-SC  
**STATUS:** OPEN

**CENTRAL EUREKA MINE SITE  
SITE ASSESSMENT  
SUTTER CREEK, CALIFORNIA**

The TAT was directed by the EPA to assist Cal-EPA in the investigation of arsenic-contaminated mine tailings at a site in Sutter Creek, California. The TAT collected over 150 soil samples from mine tailings piles and adjacent residences. These samples were analyzed with the Spectrace 9000 XRF and confirmatory analyses were completed by the Cal-EPA laboratory in Berkeley, California. Drill specs were sent out to auger drilling companies for soil boring activities. The TAT mobilized to the site in late November to begin the activities under the phase II site assessment. As of December 16, the TAT had collected an additional 650 surface and subsurface samples. 230 of those samples were submitted to an EPA contracted CLP laboratory for analysis. The TAT remobilized to the site on January 9, 1995 and completed all sampling activities. The TAT also bore down to 11 feet and collected a sample with the use of EMFac's "Little Beaver" power auger. Another 250 surface and subsurface samples were collected and approximately 100 were submitted for CLP analysis.

Ten samples were submitted for mineral characterization to gain insight on what form of arsenic was in the soil. Two subsurface soil samples were submitted for size fractionation (sieve analysis) and triaxial compression tests. A final report was submitted in mid February. The TAT collected surface and subsurface samples from a tailings pile south of the site located on the Allen Ranch. Preliminary data indicate that the material is very similar to the tailings on the Mesa. The TAT remobilized to the site in late May to collect more samples. There was an on-site laboratory performing all the analytical testing. The TAT continued collecting surface samples from residences and the Allen Ranch. Sampling continued through the end of June. On June 30, the on-site lab demobilized. No more sampling is scheduled for the site. A final draft report was submitted in September. A final report will be submitted in October after feedback is received from EPA personnel.

**TDD#:** T099510-028  
**PAN#:** ECA1019-FE  
**STATUS:** OPEN

**DEL NORTE PESTICIDE**  
**REMOVAL FUNDED**  
**CRESCENT CITY, CALIFORNIA**

The TAT continues to conduct quarterly monitoring of groundwater for the pesticide 1,2-DCP at this Superfund site in Del Norte County, California. Groundwater is pumped from two extraction wells to an air stripping system. Treated water is pumped to a sanitary sewer and air from the system is treated by ultraviolet oxidation before release. In February 1994, the TAT installed nine groundwater sparge points with the EPA Geoprobe. This was done to enhance removal of contamination from groundwater and soil. In July 1995, the TAT installed 15 additional sparge points with a rented four-wheel-drive Geoprobe. Also in July 1995, the TAT assisted the EPA in repairing the discharge line and restarting the system. The system had been inoperative since the fall of 1995 due to pump breakdowns. Also, the system is shut down every winter to avoid freeze damage. In addition, the TAT sampled four on-site monitoring wells. In September 1995, the TAT investigated system malfunctions and adjusted pumping and sparge rates. In October 1995, the TAT collected quarterly groundwater monitoring samples and performed scheduled system maintenance.

**TDD#:** T099510-029  
**PAN#:** ECA0156-FE  
**STATUS:** OPEN

**CASMALIA RESOURCES**  
**REMOVAL FUNDED**  
**CASMALIA, CALIFORNIA**

The TAT continues to provide technical assistance during removal activities at Casmalia Resources. The TAT is overseeing operations of on-site leachate pump and storage facilities. The TAT is also providing QA/QC for the ERCS' on-site treatment system and maintaining the administrative record and RCMS for the site. An interim report was submitted to the EPA summarizing on-site activities to date. The TAT is currently assisting in the design and implementation of plans for the release of rainfall runoff from two containment ponds. The TAT prepared a Storm Water Pollution Prevention Plan and conducted sampling and inspection of the ponds and Casmalia Creek. The TAT is designing sampling and monitoring plans for a new on-site treatment system.

**TDD#:** T099510-030  
**PAN#:** ENV0054-RD  
**STATUS:** OPEN

**SPARKS SOLVENT FUEL/PLUME  
REMOVAL PRP  
SPARKS, NEVADA**

During a site assessment in 1991, the TAT discovered soil and groundwater contamination by petroleum hydrocarbons and chlorinated solvents at a large above ground storage tank farm and railyard complex in Sparks, Nevada. Subsequently, the EPA issued an Administrative Order to a respondent group of eight oil companies, a pipeline partnership, and a railroad transportation company. The TAT evaluated the respondent's removal action plan and provided comments to the EPA. The TAT conducted oversight of all respondent assessment and removal activities and is currently monitoring the installation of a large-scale vapor extraction and groundwater treatment system. Verbal reports are submitted daily whenever the TAT is on-site. The TAT has also attended and provided assistance for technical workgroup meetings, public meetings, and regulator discussions. In January 1995, the TAT investigated and documented health and safety violations in conjunction with Nevada OSHA, NVDEP, and Washoe County Health. An interim progress report was submitted by the TAT in July 1995. The TAT is currently evaluating an accelerated cleanup proposal submitted by the respondents in September 1995.

**TDD#:** T099510-031  
**PAN#:** EAZ0415-SC  
**STATUS:** OPEN

**SANDER'S AVIATION  
SITE ASSESSMENT  
TEMPE, ARIZONA**

Prior site assessment activities (TDD # T0994008-005 and T099410-034) the TAT reviewed background information on the Sander's Aviation Site, Tempe, Arizona. On September 1, 1994, the TAT met with ADEQ and the EPA OSC during a site visit. The TAT prepared a trip report for this visit and an estimate of the cost for preliminary testing of soil contamination at the site. The TAT prepared a QASP for the removal assessment and revisited the site in November 1994 to discuss remediation options with a subcontractor and the EPA's ERT. In December 1994, the TAT mobilized to Tempe, Arizona and performed sampling activities through December 16. The TAT completed the report on the removal assessment and submitted the final report to the EPA. The TAT met with the EPA to discuss additional work at the Sanders Aviation Site and prepared a QASP for the work. The TAT returned to the site to perform further site characterization in July 1995. This work was discussed in a draft report submitted to the EPA in September 1995. The TAT prepared a QASP for Air Monitoring during trial thermal desorption tests in September 1995. The TAT completed the air monitoring trial and is currently preparing a report describing on-site activities.

**TDD#:** T099510-032  
**PAN#:** EAZ0434-RD  
**STATUS:** OPEN

**YAVAPAI PENTA POND  
REMOVAL PRP  
PRESCOTT, ARIZONA**

Prior site assessment activities (TDD# T099112-008) at the defunct Southwest Forest Industries site, located on the Yavapai-Prescott Indian Reservation, revealed gross contamination of pentachlorophenol (PCP) and metals in soil. In August 1992, the PRP, Stone Container Corp., signed

an EPA Consent Order agreeing to characterize and remediate the site. The TAT oversaw sampling activities conducted by the PRP contractor during the month of December 1992. In October 1993, a Quality Assurance Project Plan (QAPP) and Phase II sampling workplan were submitted to EPA, which the TAT also reviewed. The TAT has monitored the implementation of the Phase II work plan which was completed August 3, 1994. The TAT produced a Phase II Interim Report and submitted it to the OSC on October 24, 1994. The TAT met with the RP and contractors to discuss Phase II results on October 27, 1994. The TAT reviewed the RP's Phase II report and the RP's Remedial Screening report submitted on November 30, 1994. The TAT met with the RP and contractors on May 3, 1995, to discuss plans for pilot studies on a bioremediation remedy. The TAT is currently monitoring the pilot study of 7 on-site bioremediation cells and 3 in situ cells, which began in July 1995.

**TDD#:** T099510-033  
**PAN#:** ECA1940-RB  
**STATUS:** OPEN

**OMEGA RECOVERY SERVICES**  
**REMOVAL PRP**  
**WHITTIER, CALIFORNIA**

In September, the PRP drum removal effort phase of this project was completed. Nearly 3,000 drums and tanks were removed under the provisions of an EPA approved workplan. The TAT provided a full-time on-scene monitoring and reporting function throughout this phase. Currently, the TAT is in the process of reviewing the PRP's second phase work plan involving groundwater and subsurface soil assessment. Once this plan is approved, the TAT will resume on-site oversight responsibilities.

**TDD#:** T099510-034  
**PAN#:** E09Z191-VB  
**STATUS:** INTERIM

**OIL SPILL EXERCISE**  
**TECHNICAL ASSISTANCE**  
**SAN DIEGO, CALIFORNIA**

Two TAT members attended the U.S. Navy Preparedness for Response Exercise Program (PREP) San Diego Oil Spill '95 exercise as special observers and evaluators. The combined functional equipment deployment exercise was held at Command Naval Base (COMNAVBASE) San Diego and involved a joint response between the Navy, U.S.C.G., California Department of Fish and Game, and State and local agencies. The TAT attended the evaluator controller briefing and pre-exercise orientation. During the exercise, the TAT closely observed and evaluated the use of the incident command system and unified command organization. The TAT focused the joint decision-making procedures of the unified commander, information management, and resource management. The day after the exercise, the TAT observed the U.S. Navy and U.S.C.G. equipment deployment exercise. The TAT has completed and submitted a final evaluation report.

**TDD#:** T099510-035  
**PAN#:** E09Z193-QA  
**STATUS:** INTERIM

**TECHNICAL QA EXCHANGE**  
**QUALITY ASSURANCE**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

The TAT hosted a technical exchange day on October 11, 1995. Attending where twelve TAT members, six EPA representatives and two members of the U.S.C.G. Pacific Strike Team. Technical exchange presentations were shared by ten TAT members and three EPA personnel. Presentation

materials and other research and development papers were compiled in a final report. An AOC has been submitted to EPA.

**TDD#:** T099510-036  
**PAN#:** E09Z194-NA  
**STATUS:** OPEN

**BULLETIN BOARD SYSTEMS**  
**INFORMATION MANAGEMENT**  
**LONG BEACH, CALIFORNIA**

Under this TDD, the TAT will produce a dynamic index and brief synopsis of various environmental bulletin board systems that have been evaluated for usefulness to the removal program. An amendable field and office reference will be produced which includes sponsoring state/federal agency or organization, information category, access number, and a brief summary of the information available.

**TDD#:** T099510-037  
**PAN#:** E09Z195-VA  
**STATUS:** OPEN

**LEVEL "A" JUSTIFICATION & DEVELOP SOP**  
**TECHNICAL ASSISTANCE**  
**LONG BEACH, CALIFORNIA**

The TAT is currently assessing the need for Level "A" capabilities in EPA Region IX. For comparison, all TAT Zone II regions are being requested to provide Level "A" capabilities and standard procedure information, where applicable. Local jurisdictions within Region IX are also being solicited to identify Level "A" response support needs and deficiencies. Pending the outcome of the background information gathering, the TAT may develop a standard operating procedure to institute coordinated Level "A" capability within the Region IX TAT.

**TDD#:** T099510-038  
**PAN#:** ECA2015-SA  
**STATUS:** OPEN

**GIBSON ENVIRONMENTAL - BAKERSFIELD**  
**SITE ASSESSMENT**  
**BAKERSFIELD, CALIFORNIA**

In October, the TAT conducted a site inspection of the now defunct Gibson Environmental RCRA TSDF in Bakersfield, California. The inspection focused on potential on and off-site chemical release concerns associated with facility abandonment. The TAT determined that the present state of site security, lock-out of process equipment, and stabilization of waste piles was adequate for short term closure. The TAT continues to support EPA and local and state agency officials with numerous other tasks including inventory assessment, analytical data review, and enforcement support.

**TDD#:** T099510-039  
**PAN#:** ECA2016-SA  
**STATUS:** OPEN

**GIBSON ENVIRONMENTAL - REDWOOD CITY**  
**SITE ASSESSMENT**  
**REDWOOD CITY, CALIFORNIA**

The TAT met with Gibson's recycling facility manager in Redwood City on 24 October 1995. Representatives from the Port of Redwood City, the facility property owner, also attended. The TAT reviewed emergency procedures and maintenance protocols in case the facility, with Gibson Environmental having declared bankruptcy, is left abandoned and the TAT is called upon to assure abandoned materials are secure. The Port of Richmond will continue to fund the facility crew until the facility can be transferred to a new owner.

**TDD#:** T099510-040  
**PAN#:** E09Z196-VA  
**STATUS:** OPEN

**CPT & HOLLOW STEM EVALUATION**  
**TECHNICAL ASSISTANCE**  
**LONG BEACH, CALIFORNIA**

Under this TDD, the TAT will prepare a comparative analysis of cone penetration testing (CPT) equipment and conventional hollow stem drilling equipment. The analysis will assist OSCs and Project Managers with selection of CPT or hollow stem technology based on cost, ease of use, appropriate settings and sampling objectives.

**TDD#:** T099510-041  
**PAN#:** E09Z172-TE  
**STATUS:** OPEN

**CCC TRAINING**  
**TRAINING**  
**LONG BEACH, CALIFORNIA**

The TAT will assist the CCC in providing training to Corp members as part of that organization's oil spill response program. Specifically, the TAT will provide instructors and course materials for two 24-hour classes to be held this fall. Upon completion, the TAT will provide the CCC with a package of the TAT developed training materials.

**TDD#:** T099510-042  
**PAN#:** ECA1990-FA  
**STATUS:** OPEN

**VERDESE CARTER PARK**  
**REMOVAL FUNDED**  
**OAKLAND, CALIFORNIA**

The EPA ERS requested the TAT to provide POLREPs and to review and comment on RP contractor's work plan, health and safety plan, contingency plan, Sampling Plan and quality assurance plan. The TAT were also tasked to provide XRF services for the excavation of soil contaminated with lead. Future site work by the TAT is pending. The TAT will provide oversight of the activities to the EPA when on-site operations begin and a letter report will be submitted at the conclusion of this project.

**TDD#:** T099510-101  
**PAN#:** E09Z166-JA  
**STATUS:** INTERIM

**DIGITIZATION PILOT PROJECT- COMP RENTAL**  
**SPECIAL PROJECT**  
**SAN FRANCISCO & LONG BEACH, CALIFORNIA**

In support of TDD T09-9510-007, the TAT procured quarterly rental of a desktop computer for all Lotus Notes activities.

**APPENDIX A**

**REGION IX - TDD MONTHLY STATUS REPORT**



DATE: 11/06/95  
TIME: 14:48:09

ECOLOGY & ENVIRONMENT, INC.  
REGION 09

PAGE: 1

TDD MONTHLY STATUS

Active TDDs: October 1, 1994 THROUGH October 31, 1995

F=Funding:	(1-CERCLA, 2-OPA, 3-UST, 4-OTHER, 5-CEPP)						P=PRIORITY:			(High/Medium/Low)		S=STATUS:		(initialized/Open/Interim/Closed)					
TDD NUMBER	PAN	SITE NAME	F	P	O	T	S	OSC MGR	E&E MGR	EST HOURS	ACTUAL HOURS	EST DOLLARS	ACTUAL DOLLARS*	TDD ISSU DATE	TDD RECD DATE	TDD COMP DATE	AOC INT DATE	AOC TATL DATE	AOC DPO DATE
T09-9410-001	E09Z001GI	GENERAL PROGRAM MA	1	H	Y	C		LEWIS	CHAMBERS	2000	2234.50	275000.00	124992.03	10/03/94	10/03/94	03/31/95	04/04/95	05/30/95	05/30/95
T09-9410-002	E09Z002GI	OPA GENERAL MANAGE	2	H	Y	C		LEWIS	CHAMBERS	100	10.00	13500.00	460.87	10/03/94	10/03/94	03/31/95	04/04/95	05/30/95	05/30/95
T09-9410-003	E09Z004VI	EPA REGION 9 SPILL	1	H	Y	C		LEWIS	CLEMENS	1500	1349.00	187500.00	51828.17	10/03/94	10/03/94	03/31/95	03/30/95	05/30/95	05/30/95
T09-9410-004	E09Z007TI	GENERAL TAT TRAINI	1	M	Y	C		LEWIS	CLEMENS	1500	1147.00	225000.00	49981.29	10/03/94	10/03/94	03/31/95	03/30/95	05/30/95	05/30/95
T09-9410-005	E09Z023NF	REGIONAL CERCLIS C	1	M	N	C		LEWIS	LAWRENCE	300	150.50	37500.00	4117.01	10/03/94	10/03/94	03/31/95	03/30/95	05/30/95	05/30/95
T09-9410-006	E09Z062QF	QA/QC COORDINATION	1	M	N	C		LEWIS	LAWRENCE	200	194.00	25000.00	5913.58	10/03/94	10/03/94	03/31/95	03/30/95	05/30/95	05/30/95
T09-9410-007	E09Z177GB	TAT EQUIPMENT MAIN	1	M	Y	C		LEWIS	DUNCAN	2000	1617.00	250000.00	45549.79	10/03/94	10/03/94	03/31/95	04/04/95	05/30/95	05/30/95
T09-9410-008A	E09Z132VB	SPECTRACE EVALUATI	1	M	N	I		LEWIS	EDWARDS	100	19.00	15000.00	634.70	06/26/95	06/27/95	09/30/95	09/26/95		
T09-9410-009B	E09Z166NB	DIGITIZATION PILOT	1	M	N	I		LEWIS	KUERZEL	250	173.00	36250.00	9794.38	05/22/95	05/23/95	09/30/95	09/26/95		
T09-9410-010	EH10072FB	KEEHI LAGOON	1	H	Y	C		LEWIS	SUTER	200	182.00	25000.00	7541.27	10/03/94	10/03/94	11/30/94	11/30/94	03/06/95	03/06/95
T09-9410-011C	EH10073SB	FACTORY STREET LEA	1	H	Y	I		LEWIS	WHITAKER	800	631.75	125000.00	38291.50	07/06/95	07/06/95	09/30/95	09/25/95		
T09-9410-012B	ECA1967FB	SUPERCHROME PLATIN	1	H	Y	C		LEWIS	WISE	750	622.00	118750.00	22116.53	04/13/95	04/17/95	06/15/95	06/05/95	08/03/95	08/03/95
T09-9410-013	ECA1967SC	SUPERCHROME PLATIN	1	H	Y	C		LEWIS	WISE	150	108.50	22500.00	3717.53	10/03/94	10/03/94	12/31/94	10/25/94	01/25/95	01/25/95
T09-9410-014	ECA1978VB	MT SAN DIEGO SLUDG	1	M	N	C		MARTYN	CASTRO-WEH	40	20.00	5000.00	1001.17	10/03/94	10/03/94	10/14/94	11/02/94	01/31/95	01/31/95
T09-9410-015B	EAZ0444FB	NAVAJO TOXAPHENE	1	H	Y	I		MANDEL	WALDER	3200	1772.50	540000.00	88016.50	08/03/95	08/07/95	09/30/95	09/26/95		
T09-9410-016	ECA1926DB	RATTLESNAKE CREEK	2	M	Y	I		MANDEL	SCHWENNESE	600	632.00	105000.00	26213.48	10/03/94	10/03/94	06/30/95	06/26/95		
T09-9410-017	ETT0032FA	PALAU CHEMICAL	1	M	Y	C		MARTYN	BENSON	600	51.00	97500.00	4512.19	10/03/94	10/03/94	03/31/95	03/29/95	05/18/95	05/18/95
T09-9410-018B	ECA1085MB	RALPH GRAY TRUCKIN	1	M	Y	C		MARTYN	HAMRICK	1250	1094.50	203750.00	36435.07	06/01/95	06/01/95	08/31/95	08/30/95	10/17/95	10/17/95
T09-9410-019B	ECA1973SB	CENTRAL EUREKA MIN	1	H	Y	I		SHIPLEY	DUNCAN	4500	4473.50	725000.00	220615.50	06/15/95	06/19/95	09/30/95	09/26/95		
T09-9410-020	ECA0564FD	MCCORMICK & BAXTER	1	M	Y	C		SHIPLEY	MARTIN	500	85.50	77500.00	3583.60	10/03/94	10/03/94	12/30/94	03/22/95	05/15/95	05/15/95
T09-9410-021C	ECA0156FD	CASMALIA RESOURCES	1	M	Y	I		ZUROSKI	JONES	6700	7112.50	1132500.00	334461.59	08/03/95	08/03/95	09/30/95	09/28/95		
T09-9410-022	ECA1822SC	INDIA BASIN BOATYA	1	M	Y	C		ZUROSKI	SUTER	300	1.00	47500.00	30.10	10/03/94	10/03/94	03/31/95	03/29/95	05/18/95	05/18/95
T09-9410-023A	ENV0054RC	SPARKS SOLVENT/FUE	1	H	Y	I		ZUROSKI	WHITAKER	1100	940.50	167500.00	47610.94	04/05/95	04/06/95	09/30/95	09/25/95		
T09-9410-024A	EAZ0434RC	YAVAPAI PENTA POND	1	H	Y	I		LAWRENCE	CASTRO-WEH	500	450.50	75000.00	22619.85	05/23/94	05/23/95	09/30/95	09/27/95		
T09-9410-025B	E09Z178QB	QA/QC PROGRAM DEVE	1	M	N	I		LAWRENCE	MILAM	440	353.50	55000.00	14522.83	06/26/95	06/26/95	09/30/95	09/26/95		
T09-9410-026	ECA1979SA	SAN DIMAS RED PHOS	1	H	Y	C		SHANE	WALDER	100	36.00	15000.00	1330.30	10/03/94	10/03/94	01/01/95	10/31/94	01/31/95	01/31/95
T09-9410-027	ECA1211VB	DIAMOND 20 SUBDIVI	1	M	Y	C		SHANE	EDWARDS	100	91.00	15000.00	4570.11	10/03/94	10/03/94	06/15/95	06/20/95	08/15/95	08/15/95
T09-9410-028	ECA0561SB	DODSON BROTHERS OI	1	H	Y	C		SHANE	WISE	400	163.00	65000.00	5674.80	10/03/94	10/03/94	03/31/95	02/06/95	04/13/95	04/13/95
T09-9410-029	EAZ0354FB	INDIAN BEND WASH	1	H	Y	C		SHANE	WHITAKER	50	50.00	6250.00	1924.51	10/03/94	10/03/94	11/01/94	11/02/94	03/06/95	03/06/95
T09-9410-030D	ECA0037MB	KOPPERS	1	M	Y	C		SHANE	MCDONALD	525	574.50	83125.00	28031.00	08/03/95	08/03/95	08/30/95	08/30/95	10/17/95	10/17/95
T09-9410-031C	ECA1938BB	TENBY INC. REFINER	2	H	Y	C		SHANE	HARNER	800	791.00	130000.00	28347.42	08/14/95	08/15/95	09/01/95	09/01/95	10/23/95	10/23/95
T09-9410-032	ECA1019FD	DEL NORTE COUNTY P	1	M	Y	I		MANDEL	WHITAKER	1000	459.50	175000.00	20719.01	10/03/94	10/03/94	09/30/95	09/25/95		
T09-9410-033	ECA0008SB	SEIMA PRESSURE TRE	1	M	Y	C		DUNKELMAN	MCDONALD	200	8.00	32500.00	273.00	10/03/94	10/03/94	12/03/94	11/29/94	03/06/95	03/06/95
T09-9410-034D	EAZ0415SB	SANDERS AVIATION	1	M	Y	I		DUNKELMAN	MILAM	1600	1606.50	232000.00	82228.72	08/23/95	08/23/95	12/30/95	09/26/95		
T09-9410-035	ECA1974SB	GOLDEN TECHNOLOGY	1	M	N	C		DUNKELMAN	WHITAKER	200	38.00	32000.00	1338.87	10/03/94	10/03/94	12/30/94	01/03/95	03/06/95	03/06/95
T09-9410-036B	E09Z003PC	CEPP MANAGEMENT	5	M	Y	I		ARDITO	BAILARD	120	125.00	5700.00	5518.34	04/03/95	04/06/95	09/30/95	09/25/95		
T09-9410-037	ECA1980VA	GLOBE MILL	1	H	Y	C		MARTYN	LAWRENCE	80	73.00	12000.00	2177.79	10/03/94	10/03/94	10/28/94	10/26/94	01/25/95	01/25/95
T09-9410-038B	E09Z171PB	EMERGENCY AIR MONI	5	M	Y	I		ARDITO	BAILARD	280	188.50	14000.00	9165.84	08/14/95	08/15/95	09/30/95	09/25/95		
T09-9410-039B	E09Z158PB	LOS ANGELES WORKSH	5	H	Y	C		ARDITO	BAILARD	22	22.00	2300.00	2200.17	04/03/95	04/05/95	04/10/95	04/18/95	06/12/95	06/12/95
T09-9410-040D	E09Z153PB	KAUAI FULL-FIELD E	5	H	Y	C		ARDITO	BAILARD	80	61.00	4100.00	3885.20	04/10/95	04/10/95	04/07/95	04/18/95	06/12/95	06/12/95
T09-9410-041	ECA1977SB	CRESTLINE DRMO SIT	1	H	Y	C		SHANE	RANDALL	500	217.00	77500.00	9235.43	10/11/94	10/11/94	12/30/94	12/12/94	03/06/95	03/06/95

DATE: 11/06/95  
TIME: 14:48:09

ECOLOGY & ENVIRONMENT, INC.  
REGION 09

PAGE: 2

TDD MONTHLY STATUS

Active TDDs: October 1, 1994 THROUGH October 31, 1995

F=Funding:			(1=CERCLA, 2=OPA, 3=UST, 4=OTHER, 5=CEPP)					P=PRIORITY:			(High/Medium/Low)		S=STATUS:			(Initialized/Open/Interim/Closed)						
TDD NUMBER	PAN	SITE NAME	F	P	O	T	S	OSC	MGR	E&E	MGR	EST HOURS	ACTUAL HOURS	EST DOLLARS	ACTUAL DOLLARS*	TDD ISSU DATE	TDD RECD DATE	TDD COMP DATE	AOC INT DATE	AOC TATL DATE	AOC DPO DATE	
T09-9410-042	ECA1979FA	SAN DIMAS RED PHOS	1	H	Y	C			SHANE		WALDER	150	40.00	23750.00	1158.29	10/11/95	10/11/95	02/18/95	11/09/94	02/13/95	02/13/95	
T09-9410-043	E09Z173PA	PROCESS SAFETY MAN	5	H	Y	C			ARDITO		CASTRO-WEH	29	0.00	2560.00	0.00	10/13/94	10/13/94	11/30/94	11/02/94	01/31/95	01/31/95	
T09-9410-044	ECA1981VA	ELECTRO-OPTEC	1	M	Y	C			SHIPLEY		BUNDY	30	21.00	4500.00	757.17	10/17/94	10/17/94	11/10/94	11/14/94	02/13/95	02/13/95	
T09-9410-045	E09Z174VA	AMERICAN SAMOA TEC	1	M	N	C			LEWIS		CLEMENS	25	25.00	3125.00	797.99	10/17/94	10/17/94	11/17/94	10/21/94	02/13/95	02/13/95	
T09-9410-046C	EA20445SA	PAYSON PCE	1	M	Y	C			MARTYN		LAWRENCE	1700	316.00	272500.00	12704.18	07/06/95	07/06/95	07/28/95	07/25/95	09/19/95	09/19/95	
T09-9410-047C	E09Z175PA	SOUTHERN PACIFIC R	5	M	Y	I			ARDITO		BAILARD	252	243.00	17503.00	17501.20	09/28/95	09/28/95	09/30/95	09/28/95			
T09-9410-048A	ECA1967SD	SUPERCHROME PLATIN	1	M	N	C			LEWIS		WISE	200	30.50	30000.00	1607.84	01/17/95	01/17/95	03/31/95	03/30/95	05/30/95	05/30/95	
T09-9410-049	ECA1982VA	LAKE GUADALUPE SAM	2	M	Y	C			LEWIS		MILAM	40	3.00	6500.00	152.29	10/24/94	10/24/94	11/15/94	11/02/94	01/31/95	01/31/95	
T09-9410-050	ECA1961VA	JOLIE PLASTICS	1	M	Y	C			LEWIS		RANDALL	40	16.00	6500.00	649.47	10/24/94	10/24/94	11/15/94	11/09/94	02/13/95	02/13/95	
T09-9410-051	ECA1982DA	LAKE GUADALUPE SAM	2	M	Y	C			ZUROSKI		GUEVARRA	120	85.00	17000.00	3718.89	10/31/94	10/31/94	12/25/94	12/28/94	03/06/95	03/06/95	
T09-9410-052	ECA1980SA	GLOBE MILL	1	M	Y	C			WEDEN		LAWRENCE	80	87.00	13000.00	5654.06	10/31/94	10/31/94	12/31/94	01/05/95	03/13/95	03/13/95	
T09-9410-101	ECA1973JA	CENTRAL EUREKA MIN	1	M	N	C			WEDEN		DUNCAN	0	0.00	12000.00	5610.50	11/16/94	11/16/94	02/15/95	02/07/95	04/13/95	04/13/95	
T09-9410-102	ECA1977AA	CRESTLINE DRMO SIT	1	H	N	C			SHANE		RANDALL	0	0.00	4220.00	1935.00	10/19/94	10/19/94	01/15/95	12/14/94	03/06/95	03/06/95	
T09-9410-103A	ECA1967KA	SUPERCHROME PLATIN	1	M	N	C			LEWIS		WISE	140	50.00	24500.00	3824.59	01/17/95	01/17/95	03/31/95	03/30/95	05/30/95	05/30/95	
T09-9410-104	ECA1926AH	RATTLESNAKE CREEK	2	M	N	C			MANDEL		SCHWENNESE	0	0.00	10000.00	7965.00	10/27/94	10/27/94	06/01/95	05/30/95	07/26/95	07/26/95	
T09-9411-001	ECA1977FA	CRESTLINE DRMO SIT	1	H	Y	C			SHANE		RANDALL	300	148.50	45000.00	6360.46	11/16/94	11/16/94	01/31/95	01/31/95	04/10/95	04/10/95	
T09-9411-002A	E09Z090PC	OAHU FULL-FIELD EX	5	M	Y	I			ARDITO		BAILARD	348	312.00	27552.00	27245.66	09/28/95	09/28/95	09/30/95	09/28/95			
T09-9411-003A	ENM0168FA	SHIPROCK PESTICIDE	1	H	Y	C			LAWRENCE		HESTER	200	219.00	30000.00	8737.26	12/06/94	12/06/94	01/15/95	01/31/95	04/10/95	04/10/95	
T09-9411-004A	ECA1983SA	LA LEAD SITES	1	M	Y	C			MARTYN		RANDALL	60	58.00	9750.00	2034.97	12/15/94	12/15/94	12/30/94	01/03/95	03/06/95	03/06/95	
T09-9411-005B	E09Z179TA	INCIDENT COMMAND S	1	M	N	C			MANDEL		BAILARD	40	40.00	5000.00	4049.15	05/30/95	05/30/95	09/30/95	08/09/95	10/06/95	10/06/95	
T09-9411-006	E09Z180TA	IMMUNOASSAY TECHNI	1	M	N	C			MANDEL		GUEVARRA	60	41.00	7500.00	1212.98	11/22/94	11/22/94	01/31/95	02/13/95	04/24/95	04/24/95	
T09-9411-101	ECA1980AA	GLOBE MILL	1	M	N	C			WEDEN		LAWRENCE	0	0.00	170.00	80.00	11/17/94	11/17/94	12/31/94	01/09/95	03/13/95	03/13/95	
T09-9411-102A	EA20415AA	SANDERS AVIATION	1	M	N	C			DUNKELMAN		MILAM	0	0.00	21100.00	8570.00	12/07/94	12/07/94	03/31/95	04/25/95	06/26/95	06/26/95	
T09-9411-103	ECA1973JB	CENTRAL EUREKA MIN	1	M	N	C			SHIPLEY		DUNCAN	0	0.00	4100.00	1893.39	11/22/94	11/22/94	01/15/95	01/24/95	03/27/95	03/27/95	
T09-9411-104	ECA1973JC	CENTRAL EUREKA MIN	1	H	N	C			SHIPLEY		DUNCAN	0	0.00	4620.00	744.96	11/28/94	11/28/94	02/15/95	01/24/95	03/27/95	03/27/95	
T09-9411-105	ECA1967AE	SUPERCHROME PLATIN	1	H	N	C			LEWIS		WISE	0	0.00	1500.00	705.00	11/30/94	11/30/94	02/15/95	01/18/95	03/20/95	03/20/95	
T09-9412-001	ECA1984VA	SANTA FE RR CHLORI	1	H	Y	C			ZUROSKI		CHAMBERS	60	59.50	9500.00	3083.37	12/05/94	12/05/94	12/31/94	01/03/95	03/06/95	03/06/95	
T09-9412-002	ECA1985FA	MITCHELL MILL DRUG	1	H	Y	C			MANDEL		SUTER	60	60.50	10500.00	2299.29	12/05/94	12/05/94	01/31/95	01/31/95	04/10/95	04/10/95	
T09-9412-003C	E09Z181QA	VIDEO SOP	1	M	N	C			LAWRENCE		HESTER	70	71.50	8750.00	1890.15	03/06/95	03/06/95	02/17/95	03/07/95	05/09/95	05/09/95	
T09-9412-004	E09Z182TA	QA TRAINING	1	H	N	C			LAWRENCE		MILAM	100	21.00	12500.00	932.89	12/07/94	12/07/94	02/01/95	03/01/95	05/02/95	05/02/95	
T09-9412-005	ECA1986SA	SANTA FE RR ACCIDE	1	H	Y	C			LEWIS		BENSON	50	27.50	7750.00	1323.69	12/15/94	12/15/94	01/15/94	01/17/95	03/20/95	03/20/95	
T09-9412-006A	ECA1987VA	CALAVERAS COUNTY O	2	H	Y	C			LEWIS		CASTRO-WEH	80	87.00	13000.00	4105.79	01/11/95	01/11/95	02/10/95	02/13/95	04/24/95	04/24/95	
T09-9412-007A	ECA1988BA	SAN DEIGO RIVER SF	2	H	Y	C			LAWRENCE		WALDER	100	84.00	16500.00	2292.57	01/31/95	02/01/95	03/03/95	03/01/95	05/02/95	05/02/95	
T09-9412-101	ECA1973JD	CENTRAL EUREKA MIN	1	M	N	C			SHIPLEY		DUNCAN	0	0.00	10300.00	0.00	12/05/94	12/05/94	12/31/95	01/24/95	03/27/95	03/27/95	
T09-9412-102	ECA1967AF	SUPERCHROME PLATIN	1	H	N	C			LEWIS		WISE	0	0.00	24500.00	6822.00	12/07/94	12/07/94	03/15/95	03/20/95	05/15/95	05/15/95	
T09-9501-001	ECA1989SA	NU WAY PLATING	1	M	Y	C			DUNKELMAN		RANDALL	200	126.50	30000.00	4842.41	01/09/95	01/09/95	04/01/95	04/03/95	05/30/95	05/30/95	
T09-9501-002B	ECA1967SE	SUPERCHROME PLATIN	1	H	Y	C			LEWIS		WISE	1000	725.00	157000.00	30812.21	04/17/95	04/18/95	06/15/95	06/19/95	08/15/95	08/15/95	
T09-9501-003B	ECA1990SA	VERDESE CARTER PAR	1	H	Y	C			SHANE		KUERZEL	500	312.00	77500.00	9525.43	07/17/95	07/17/95	07/30/95	07/31/95	09/25/95	09/25/95	
T09-9501-004B	ECA1991SA	RUSSIAN RIVER FLOO	1	H	Y	C			MANDEL		MCDONALD	400	384.00	70000.00	18143.14	03/30/95	04/03/95	04/14/95	04/13/95	06/12/95	06/12/95	
T09-9501-005	E09Z176TA	FIELD SCREENING ME	1	M	Y	C			LEWIS		GUEVARRA	120	71.50	20000.00	4153.43	01/11/95	01/11/95	03/24/95	03/07/95	05/09/95	05/09/95	
T09-9501-006A	EMX0003VA	ALCO PACIFICO DE M	1	H	N	I			SHANE		COLEN	300	189.00	37500.00	8471.13	05/23/95	05/23/95	09/30/95	09/26/95			

DATE: 11/06/95  
TIME: 14:48:09

ECOLOGY & ENVIRONMENT, INC.

PAGE: 3

REGION 09

TDD MONTHLY STATUS

Active TDDS: October 1, 1994 THROUGH October 31, 1995

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TDD NUMBER	PAN	SITE NAME	F	P	O	T	S	OSC MGR	E&E MGR	EST HOURS	ACTUAL HOURS	EST DOLLARS	ACTUAL DOLLARS*	TDD ISSU DATE	TDD RECD DATE	TDD COMP DATE	AOC INT DATE	AOC TATL DATE	AOC DPO DATE
T09-9501-007	ECA1940SB	OMEGA RECOVERY SER	1	H	Y	C		MARTYN	RANDALL	80	43.50	12000.00	2287.03	01/23/95	01/23/95	02/28/95	03/01/95	05/02/95	05/02/95
T09-9501-008B	ECA1992FA	GOLDSTAR PLATING	1	H	Y	C		ZUROSKI	RANDALL	600	579.00	98000.00	21719.57	04/03/95	04/03/95	05/31/95	05/30/95	07/26/95	07/26/95
T09-9501-009A	ECA1993SA	PLACER COUNTY FLOO	1	H	Y	C		SHANE	KUERZEL	350	177.50	56250.00	6394.58	05/22/95	05/23/95	06/30/95	05/24/95	07/17/95	07/17/95
T09-9501-010	E09Z172TB	CCC TRAINING	1	M	N	C		MARTYN	LAWRENCE	60	54.00	9500.00	1468.70	01/27/95	01/30/95	02/17/95	02/22/95	05/02/95	05/02/95
T09-9501-011B	ECA1994VA	SANTA ROSA -BURRIE	2	M	Y	C		LEWIS	MARTIN	120	108.50	18000.00	4997.56	06/19/95	06/20/95	07/30/95	07/25/95	09/19/95	09/19/95
T09-9501-010B	ECA1973AA	CENTRAL EUREKA MIN	1	M	N	C		SHIPLEY	DUNCAN	0	0.00	1055.00	499.52	05/18/95	05/22/95	05/30/95	05/26/95	07/26/95	07/26/95
T09-9501-102A	ECA1967AG	SUPERCHROME PLATIN	1	H	N	C		LEWIS	WISE	0	0.00	15100.00	4645.00	01/18/95	01/19/95	03/31/95	04/03/95	06/05/95	06/05/95
T09-9501-103	ECA1989AA	NU WAY PLATING	1	H	N	C		DUNKELMAN	RANDALL	0	0.00	2760.00	1026.00	01/17/95	01/17/95	03/31/95	03/01/95	05/02/95	05/02/95
T09-9502-001	ECA1218VA	FRONTIER FERTILIZE	1	M	Y	C		MANDEL	COLEN	800	604.25	140000.00	26773.97	02/06/95	02/06/95	06/30/95	07/12/95	08/30/95	08/30/95
T09-9502-002A	E09Z183QA	TRAINING QA IMPROV	1	M	N	I		LAWRENCE	CASTRO-WEH	88	31.00	11000.00	1514.61	07/18/95	07/19/95	09/30/95	09/27/95		
T09-9502-003A	E09Z184QA	TECHNICAL QA IMPRO	1	M	N	I		LAWRENCE	CASTRO-WEH	194	101.50	24250.00	4194.49	07/18/95	07/19/95	09/30/95	09/27/95		
T09-9502-004A	E09Z185QA	OPERATIONS QA IMPR	1	M	N	I		LAWRENCE	CASTRO-WEH	160	84.50	20000.00	2785.66	07/18/95	07/19/95	09/30/95	09/27/95		
T09-9502-005B	ECA1989RA	NU WAY PLATING	1	M	Y	I		DUNKELMAN	RANDALL	600	178.00	95000.00	5965.38	07/05/95	07/06/95	09/30/95	09/26/95		
T09-9502-006B	ECA1940MA	OMEGA RECOVERY SER	1	H	Y	C		MARTYN	RANDALL	400	412.00	62500.00	15588.51	07/26/95	07/26/95	07/31/95	08/02/95	09/25/95	09/25/95
T09-9502-007	ECA1995FA	APPLE VALLEY DRUMS	1	H	Y	C		SHANE	WISE	100	121.00	15000.00	4135.49	02/28/95	02/28/95	04/15/95	04/18/95	06/12/95	06/12/95
T09-9502-008	ECA1996BA	METRO LINK OIL SPI	2	M	Y	C		WEDEN	WISE	30	23.00	4750.00	752.86	02/28/95	02/28/95	02/28/95	03/02/95	05/09/95	05/09/95
T09-9502-101	ECA1973AB	CENTRAL EUREKA MIN	1	M	N	C		SHIPLEY	DUNCAN	0	0.00	2250.00	1060.00	02/13/95	02/13/95	03/31/95	03/27/95	05/18/95	05/18/95
T09-9502-102	ECA1019JD	DEL NORTE COUNTY P	1	H	N	I		SHIPLEY	WHITAKER	0	0.00	11050.00	4380.44	02/28/95	02/28/95	09/30/95	09/25/95		
T09-9502-103	ECA1995AA	APPLE VALLEY DRUMS	1	H	N	C		SHANE	WISE	0	0.00	1800.00	850.00	02/28/95	02/28/95	03/31/95	04/13/95	06/12/95	06/12/95
T09-9503-001	E09Z186TA	STATISTICAL ANALYS	1	M	N	C		LAWRENCE	MILAM	170	56.00	24750.00	5432.61	03/07/95	03/08/95	04/30/95	04/13/95	06/12/95	06/12/95
T09-9503-002	E09Z172TC	CALIFORNIA CONSERV	1	M	N	C		MARTYN	WISE	40	33.00	6500.00	1262.24	03/13/95	03/13/95	03/24/95	03/23/95	05/18/95	05/18/95
T09-9503-003A	ECA1997SA	ELMHURST ANODIZING	1	H	Y	C		LEWIS	KUERZEL	80	73.50	13000.00	2449.18	03/27/95	03/27/95	04/26/95	05/02/95	06/26/95	06/26/95
T09-9503-004B	ECA1997RA	ELMHURST ANODIZING	1	H	Y	C		LEWIS	MCDONALD	140	118.00	22500.00	4216.39	05/22/95	05/22/95	06/30/95	06/06/95	08/03/95	08/03/95
T09-9503-005	E09Z187VA	TECHNICAL ASSISTAN	1	H	Y	C		LEWIS	SUTER	160	26.00	26000.00	1240.06	03/14/95	03/14/95	04/15/95	04/10/95	06/05/95	06/05/95
T09-9503-006	ECA1998VA	MONTEREY COUNTY FL	1	H	Y	C		LEWIS	LAWRENCE	300	181.00	50000.00	6556.89	03/14/95	03/14/95	04/15/95	05/01/95	06/26/95	06/26/95
T09-9503-007B	ECA1999NA	MT. DIABLO QUICKSI	1	M	Y	I		LEWIS	MARTIN	80	46.50	10000.00	2058.64	07/06/95	07/06/95	09/30/95	09/25/95		
T09-9503-008A	ECA0561MA	DODSON BROTHERS OI	1	H	Y	I		SHANE	HARNER	500	128.50	77500.00	4182.70	06/30/95	07/03/95	09/30/95	09/26/95		
T09-9503-009	ECA2000SA	ARGONAUT MINE TAIL	1	H	Y	C		SHANE	MCDONALD	400	2.00	60000.00	86.08	03/30/95	04/03/95	07/01/95	07/25/95	09/19/95	09/19/95
T09-9503-010A	ECA2001VA	HUNTINGTON CENTRAL	2	M	Y	C		LEWIS	WISE	70	118.00	11000.00	4126.20	05/02/95	05/02/95	05/15/95	05/10/95	07/17/95	07/17/95
T09-9503-101	ECA1938AA	TENBY INC. REFINER	2	H	N	C		SHANE	HARNER	0	0.00	1200.00	912.00	03/01/95	03/01/95	04/01/95	04/03/95	05/30/95	05/30/95
T09-9503-102A	ECA1997AA	ELMHURST ANODIZING	1	M	N	C		LEWIS	MCDONALD	0	0.00	170.00	40.00	04/24/95	04/24/95	05/31/95	06/06/95	08/03/95	08/03/95
T09-9504-001	E09Z001GJ	GENERAL PROGRAM MA	1	H	Y	I		LEWIS	CHAMBERS	2000	1373.50	275000.00	75276.91	04/05/95	04/05/95	09/30/95	09/26/95		
T09-9504-002	E09Z002GJ	OPA GENERAL PROGRA	2	H	Y	I		LEWIS	CHAMBERS	100	3.00	13500.00	115.94	04/05/95	04/05/95	09/30/95	09/25/95		
T09-9504-003	E09Z004VJ	EPA REGION 9 SPILL	1	H	Y	I		LEWIS	CLEMENS	1500	1253.50	187500.00	57081.04	04/03/95	04/03/95	09/30/95	09/25/95		
T09-9504-004	E09Z007TJ	GENERAL TAT TRAINI	1	M	Y	I		LEWIS	CLEMENS	1500	761.50	225000.00	31090.39	04/03/95	04/03/95	09/30/95	09/25/95		
T09-9504-005	E09Z023NG	REGIONAL CERCLIS C	1	M	N	I		LEWIS	LAWRENCE	300	146.50	37500.00	4148.02	04/03/95	04/03/95	09/30/95	09/25/95		
T09-9504-006	E09Z062QG	QA/QC COORDINATION	1	M	N	I		LEWIS	LAWRENCE	200	146.00	25000.00	4372.41	04/03/95	04/03/95	09/30/95	09/25/95		
T09-9504-007	E09Z177GC	TAT EQUIPMENT MAIN	1	M	Y	I		LEWIS	DUNCAN	2000	1408.50	275000.00	42200.03	04/05/95	04/05/95	09/30/95	09/26/95		
T09-9504-008	EAZ0446DA	FT MOHAVE OIL SPIL	2	H	Y	C		SHANE	BENSON	140	111.00	23500.00	6285.45	04/05/95	04/05/95	05/30/95	05/01/95	06/26/95	06/26/95
T09-9504-009	ECA1218FA	FRONTIER FERTILIZE	1	M	Y	I		MANDEL	COLEN	3000	1092.50	525000.00	53779.14	04/05/95	04/06/95	09/30/95	09/26/95		
T09-9504-010B	ECA2002SA	TERRA BELLA VINEYA	1	M	N	C		MARTYN	LAWRENCE	100	26.00	14500.00	765.95	07/06/95	07/06/95	07/21/95	07/11/95	08/30/95	08/30/95

DATE: 11/06/95  
TIME: 14:48:09

ECOLOGY & ENVIRONMENT, INC.  
REGION 09

PAGE: 4

TDD MONTHLY STATUS

Active TDDs: October 1, 1994 THROUGH October 31, 1995

F=Funding: (1=CERCLA, 2=OPA, 3=UST, 4=OTHER, 5=CEPP)			P=PRIORITY: (High/Medium/Low)			S=STATUS: (InitializEd/Open/Interim/Closed)															
TDD NUMBER	PAN	SITE NAME	F	P	O	T	S	OSC	MGR	E&E	MGR	EST HOURS	ACTUAL HOURS	EST DOLLARS	ACTUAL DOLLARS*	TDD ISSU DATE	TDD RECD DATE	TDD COMP DATE	AOC INT DATE	AOC TATL DATE	AOC DPO DATE
T09-9504-011A	E092006TC	CSTI INSTRUCTOR RE	1	M	N	C			MARTYN	BAILARD		40	40.00	6000.00	3474.85	06/12/95	06/13/95	06/20/95	07/25/95	09/19/95	09/19/95
T09-9504-012	EA20447BA	TUBA CITY, AZ OIL	2	H	Y	C			LEWIS	HESTER		130	130.00	20000.00	6239.53	05/10/95	05/11/95	05/30/95	06/12/95	08/15/95	08/15/95
T09-9504-013B	ECA1440SA	ALARK HARD CHROME	1	M	Y	C			LEWIS	HESTER		160	156.00	22000.00	5318.91	07/05/95	07/06/95	07/31/95	07/11/95	08/30/95	08/30/95
T09-9504-014	ECA1211VC	DIAMOND 20 SUBDIVI	1	H	Y	I			SHANE	EDWARDS		500	509.00	77500.00	28450.87	04/14/95	04/17/95	09/30/95	09/26/95		
T09-9504-015	ECA2003FA	PEPPER DRIVE CHEMI	1	H	Y	C			LAWRENCE	HAMRICK		180	256.50	29000.00	10399.01	04/14/95	04/17/95	06/10/95	06/06/95	08/03/95	08/03/95
T09-9504-016	ECA2004VA	ORANGE COUNTY EXER	1	H	Y	C			SHIPLEY	BENSON		175	156.50	29375.00	7674.34	04/21/95	04/24/95	04/30/95	05/01/95	06/26/95	06/26/95
T09-9504-017	EA20448SA	WRECKSPERTS/AMRI O	1	M	Y	C			MARTYN	MARTIN		700	73.00	112500.00	3609.19	04/20/95	04/20/95	06/30/95	06/26/95	08/30/95	08/30/95
T09-9504-018A	E092172TD	CALIFORNIA CONSERV	1	M	Y	I			MARTYN	WISE		500	438.00	77500.00	19577.53	06/19/95	06/19/95	09/30/95	09/26/95		
T09-9504-019	E092188TA	USC STUDENT - PEST	1	M	Y	C			MARTYN	CASTRO-WEH		100	102.50	15500.00	5102.69	04/25/95	04/25/95	05/30/95	05/24/95	07/17/95	07/17/95
T09-9504-020	ECA2005SA	SANTA ANA PLATING	1	M	Y	C			WEDEN	RANDALL		40	15.50	6000.00	646.94	04/25/95	04/25/95	05/31/95	05/31/95	07/26/95	07/26/95
T09-9504-021A	ECA2006SA	SHULGIN CHEMICAL	1	H	Y	C			MARTYN	LAWRENCE		160	79.50	25000.00	2698.44	07/06/95	07/06/95	07/21/95	07/11/95	08/30/95	08/30/95
T09-9505-001A	ECA2007VA	FREGOSI & COMPANY	1	H	Y	C			SHANE	EDWARDS		50	44.50	7250.00	1642.29	06/29/95	07/03/95	07/30/95	07/31/95	09/25/95	09/25/95
T09-9505-002	E092189PA	EVACUATION GUIDANC	5	M	Y	I			ARDITO	BAILARD		190	120.00	9500.00	6083.23	06/01/95	06/01/95	09/30/95	09/25/95		
T09-9505-003	ECA2008FA	RUBIDOUX RED PHOSP	1	H	Y	C			WEDEN	BENSON		80	62.00	13000.00	3103.73	05/30/95	05/30/95	06/30/95	06/06/95	08/03/95	08/03/95
T09-9505-004	ECA0411VA	MONTROSE CHEMICAL	1	H	N	C			SHANE	RANDALL		250	53.00	31250.00	2498.30	06/01/95	06/01/95	09/01/95	09/01/95	10/23/95	10/23/95
T09-9505-101	ECA1973AC	CENTRAL EUREKA MIN	1	H	N	C			SHIPLEY	DUNCAN		0	0.00	2250.00	1045.00	05/02/95	05/02/95	07/01/95	07/17/95	09/05/95	09/05/95
T09-9505-102A	ECA1990AA	VERDESE CARTER PAR	1	H	N	I			SHANE	KUERZEL		0	0.00	1050.00	423.24	06/06/95	06/06/95	07/15/95	08/03/95		
T09-9506-001	E092179TB	I.C.S. TRAINING	1	M	Y	C			SUTER	BAILARD		150	93.00	23750.00	5999.38	06/05/95	06/06/95	08/18/95	08/09/95	10/06/95	10/06/95
T09-9506-002	E092170TB	CONTINUING CHALLENG	1	M	Y	I			MARTYN	BAILARD		300	172.00	47500.00	9227.03	06/06/95	06/06/95	09/30/95	09/25/95		
T09-9506-003A	ECA1973FA	CENTRAL EUREKA MIN	1	H	Y	I			SHIPLEY	MCDONALD		1000	878.50	160000.00	33083.43	08/03/95	08/03/95	09/30/95	09/26/95		
T09-9506-004	ECA2009BA	UNOCAL REFINERY FI	2	H	Y	C			LAWRENCE	CLEMENS		25	25.00	3875.00	829.99	06/19/95	06/19/95	07/15/95	07/17/95	09/05/95	09/05/95
T09-9506-005	ECA1940RA	OMEGA RECOVERY SER	1	H	Y	I			MARTYN	SCHWENNESE		800	582.00	130000.00	21507.97	06/21/95	06/21/95	09/30/95	09/26/95		
T09-9506-101	ECA1994JA	SANTA ROSA -BURRIE	2	H	N	I			LEWIS	MARTIN		0	0.00	2900.00	2390.00	06/15/95	06/19/95	08/15/95	08/03/95		
T09-9507-001	ECA1596SB	AMERICHEM	1	M	Y	C			MARTYN	BENSON		120	4.00	19000.00	207.56	07/17/95	07/18/95	08/31/95	07/25/95	09/19/95	09/19/95
T09-9507-002	E092169TB	LAS CRUCES BIA TRA	1	M	N	C			LAWRENCE	KUERZEL		80	79.50	12000.00	3568.51	07/17/95	07/17/95	08/31/95	08/28/95	10/17/95	10/17/95
T09-9507-003	ECA2010FA	TURLOCK RED PHOSPH	1	H	Y	C			SHANE	LAWRENCE		104	64.50	14200.00	1961.81	07/19/95	07/19/95	09/15/95	09/11/95	11/06/95	11/06/95
T09-9507-004	ECA2011SA	EMAC, INC. FIRE -	1	H	Y	C			LEWIS	CASTRO-WEH		50	56.00	7750.00	2605.78	07/19/95	07/19/95	08/31/95	08/15/95	10/06/95	10/06/95
T09-9507-005	E092190PA	PUNA GEOTHERMAL RE	5	M	Y	I			ARDITO	BAILARD		84	8.00	4200.00	288.56	07/24/95	07/25/95	09/30/95	09/25/95		
T09-9508-001	E092082VA	EMERGENCY RESPONSE	1	H	N	I			SHANE	GUEVARRA		40	27.00	5000.00	1530.60	08/15/95	08/16/95	09/15/95	09/26/95		
T09-9508-002	E092191VA	OIL SPILL EXERCISE	2	M	Y	I			SUTER	BAILARD		100	0.00	16500.00	0.00	08/15/95	08/16/95	09/30/95	09/25/95		
T09-9508-003	E092192NA	GIS SEMINAR	1	M	Y	C			LEWIS	CHAMBERS		40	40.00	5000.00	2231.71	08/17/95	08/21/95	09/15/95	09/18/95	11/06/95	11/06/95
T09-9508-004	ECA2012SA	AMERICAN CHROME	1	H	Y	I			LEWIS	LAWRENCE		60	56.00	9500.00	1917.01	08/23/95	08/23/95	09/30/95	09/26/95		
T09-9508-101	ECA2012AA	AMERICAN CHROME	1	H	N	I			LEWIS	LAWRENCE		0	0.00	1040.00	490.00	08/28/95	08/28/95	09/30/95	09/26/95		
T09-9509-001	ECA2013SA	MOJAVE PLASTICS RE	1	M	Y	I			LEWIS	RANDALL		100	41.00	16500.00	2061.42	09/06/95	09/06/95	09/30/95	09/26/95		
T09-9509-002	ECA2014SA	PICO ROAD ORDINANC	1	H	Y	I			SHANE	WISE		200	42.00	30000.00	1533.22	09/08/95	09/11/95	09/30/95	09/26/95		
T09-9509-201	EA20415JA	SANDERS AVIATION	1	L	N	I			DUNKELMAN	CASTRO-WEH		0	0.00	950.00	0.00	09/05/95	09/05/95	10/15/95	09/28/95		
T09-9509-202	ECA2014AA	PICO ROAD ORDINANC	1	H	N	I			SHANE	WISE		0	0.00	1350.00	0.00	09/18/95	09/18/95	09/30/95	09/26/95		
T09-9510-001	E092001GK	GENERAL PROGRAM MA	1	H	Y	O			LEWIS	CHAMBERS		1000	0.00	82800.00	0.00	10/02/95	10/02/95	12/31/95			
T09-9510-002	E092002GK	OPA GENERAMAL MANA	2	H	Y	O			LEWIS	CHAMBERS		100	0.00	5300.00	0.00	09/28/95	10/02/95	12/31/95			
T09-9510-003	E092004VK	EPA REGIONAL 9 SPI	1	H	Y	O			LEWIS	CLEMENS		700	0.00	38000.00	0.00	09/28/95	10/02/95	12/31/95			
T09-9510-004	E092007TK	GENERAL TAT TRAINI	1	M	Y	O			LEWIS	CLEMENS		700	0.00	39600.00	0.00	09/28/95	10/02/95	12/31/95			

DATE: 11/06/95  
TIME: 14:48:09

ECOLOGY & ENVIRONMENT, INC.  
REGION 09

PAGE: 5

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TDD NUMBER	PAN	SITE NAME	F	P	O	T	S	OSC	MGR	E&E	MGR	HOURS	ACTUAL HOURS	EST DOLLARS	ACTUAL DOLLARS*	TDD ISSU DATE	TDD RECD DATE	TDD COMP DATE	AOC INT DATE	AOC TATL DATE	AOC DPO DATE														
T09-9510-005	E09Z177GD	TAT EQUIPMENT MAIN	1	M	Y	O				DUNCAN		1300	0.00	86000.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-006	E09Z132VC	SPECTRACE EVALUATI	1	M	N	O				EDWARDS		40	0.00	2340.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-007	E09Z166NC	DIGITIZATION PILOT	1	M	N	O				KUERZEL		300	0.00	20000.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-008	E09Z023NH	REGIONAL CERCLIS C	1	M	N	O				LAWRENCE		110	0.00	5610.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-009	E09Z062QH	PROGRAM QA/QC COOR	1	M	N	O				LAWRENCE		275	0.00	14725.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-010	E09Z200GA	REGIONAL HEALTH &	1	M	Y	O				JONES		955	0.00	75565.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-011	E09Z201GA	TAT ADMINISTRATIVE	1	M	Y	O				CRUZ		2350	0.00	120350.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-012	E09Z202VA	ON-CAL/RESPONSE CA	1	H	Y	O				EDWARDS		422	0.00	21522.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-013	E09Z203QA	ANALYTICAL QUALITY	1	M	Y	O				EDWARDS		100	0.00	6100.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-014	E09Z204QA	TECHNICAL QUALITY	1	M	N	O				CASTRO-WEH		265	0.00	14500.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-015	E09Z205NA	COMPUTER SUPPORT F	1	M	N	O				MARTIN		500	0.00	25850.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-016	E09Z206GA	REGIONAL CONTRIBUT	1	M	N	O				CHAMBERS		0	0.00	82516.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-017	E09Z003PD	CEPP GENERAL PROGR	5	M	Y	O			ARDITON	CASTRO-WEH		40	0.00	2090.00	0.00	10/03/95	10/03/95	10/30/95																	
T09-9510-018	E09Z171PC	EMERGENCY AIR MONI	5	M	Y	O			ARDITO	EDWARDS		100	0.00	5400.00	0.00	10/02/95	10/02/95	12/30/95																	
T09-9510-019	E09Z090PD	OAHU FULL-FIELD EX	5	M	Y	O			ARDITO	GUEVARRA		40	0.00	2240.00	0.00	09/28/95	10/02/95	12/30/95																	
T09-9510-020	E09Z189PB	EVACUATION GUIDANC	5	M	Y	O			ARDITO	ESTEY		80	0.00	4180.00	0.00	10/03/95	10/03/95	12/30/95																	
T09-9510-021	E09Z175PB	SOUTHERN PACIFIC R	5	H	Y	O			ARDITO	CASTRO-WEH		10	0.00	700.00	0.00	09/28/95	10/02/95	12/30/95																	
T09-9510-022	ECA1218FB	FRONTIER FERTILIZE	1	M	Y	O			MANDEL	COLEN		300	0.00	19700.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-023	EAZ0444FC	NAVAJO TOXAPHENE	1	M	Y	O			MANDEL	WALDER		225	0.00	16325.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-024	ECA1211VD	DIAMOND 20 SUBDIVI	1	H	Y	O			SHANE	EDWARDS		25	0.00	1475.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-025	ECA0561MB	DODSON BROTHERS OI	1	H	Y	O			SHANE	WISE		120	0.00	7260.00	0.00	10/03/95	10/04/95	12/31/95																	
T09-9510-026	ECA1973FB	CENTRAL EUREKA MIN	1	H	Y	O			SHIPLEY	MCDONALD		1500	0.00	86500.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-027	ECA1973SC	CENTRAL EUREKA MIN	1	M	Y	O			SHIPLEY	DUNCAN		40	0.00	3240.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-028	ECA1019FE	DEL NORTE COUNTY P	1	M	Y	O			MANDEL	WHITAKER		300	0.00	21000.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-029	ECA0156FE	CASMALIA RESOURCES	1	H	Y	O			ZUROSKE	JONES		2500	0.00	183010.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-030	ENV0054RD	SPARKS SOLVENT/FUE	1	H	Y	O			ZUROSKE	WHITAKER		350	0.00	22000.00	0.00	09/28/95	10/02/95	12/31/95																	
T09-9510-031	EAZ0415SC	SANDERS AVIATION	1	M	Y	O			DUNKELMAN	MILAM		1000	0.00	68800.00	0.00	10/06/95	10/10/95	12/30/95																	
T09-9510-032	EAZ0434RD	YAVAPAI PENTA POND	1	H	Y	O			LAWRENCE	CASTRO-WEH		120	0.00	7500.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-033	ECA1940RB	OMEGA RECOVERY SER	1	H	Y	O			LAWRENCE	SCHWENNESE		250	0.00	13600.00	0.00	10/02/95	10/02/95	12/31/95																	
T09-9510-034	E09Z191VB	OIL SPILL EXERCISE	2	M	Y	I			SUTER	BAILARD		10	0.00	610.00	0.00	10/03/95	10/03/95	12/31/95	10/18/95																
T09-9510-035	E09Z193QA	TECHNICAL QA EXCHA	1	H	N	I			LAWRENCE	CASTRO-WEH		200	0.00	11000.00	0.00	10/06/95	10/10/95	11/15/95	10/31/95																
T09-9510-036	E09Z194NA	BULLETIN BOARD SYS	1	L	N	O			LEWIS	RANDALL		80	0.00	4380.00	0.00	10/17/95	10/17/95	12/31/95																	
T09-9510-037	E09Z195VA	LEVEL A JUSTIFICAT	1	L	N	O			LEWIS	WISE		80	0.00	4580.00	0.00	10/17/95	10/17/95	12/31/95																	
T09-9510-038	ECA2015SA	GIBSON ENVIRONMENT	1	H	Y	O			LAWRENCE	BENSON		80	0.00	4300.00	0.00	10/23/95	10/23/95	12/31/95																	
T09-9510-039	ECA2016SA	GIBSON ENVIRONMENT	1	H	Y	O			LAWRENCE	MILAM		80	0.00	4300.00	0.00	10/23/95	10/23/95	12/31/95																	
T09-9510-040	E09Z196VA	CPT EVALUATION	1	L	N	O			LEWIS	HAMRICK		120	0.00	6320.00	0.00	10/23/95	10/23/95	12/31/95																	
T09-9510-041	E09Z172TE	CCC TRAINING	1	L	Y	O			LEWIS	WISE		100	0.00	6000.00	0.00	10/24/95	10/25/95	12/31/95																	
T09-9510-042	ECA1990FA	VERDESE CARTER PAR	1	H	Y	O			SHANE	MARTIN		450	0.00	72000.00	0.00	11/01/95	11/02/95	12/31/95																	
T09-9510-101	E09Z166JA	DIGITIZATION PILOT	1	M	N	I			LEWIS	KUERZEL		0	0.00	970.00	0.00	10/16/95	10/17/95	12/31/95	10/25/95																

**APPENDIX B**

**REGION IX - ACTIVITY ACCOUNTY SUMMARY REPORT**

Date: 11/06/95

ECOLOGY & ENVIRONMENT, INC.

Page: 1

Time: 14:49:18

ACTIVITY ACCOUNT SUMMARY REPORT

For Period 10/01/95 through 10/31/95

09

	TDD ASSIGNMENTS FOR PERIOD				INCEPTION THRU END OF PERIOD				Remaining
EPA Activity	Opened	Interim	Closed	Completed	Opened	Interim	Closed	Open	
Analytical Services	0	0	0	0	17	3	14	0	
On-Scene Monitoring	0	0	1	0	5	0	5	0	
Spill Cleanup Funded	0	0	0	0	3	1	2	0	
Removal Funded	6	0	0	0	25	6	13	6	
Program Mgmt.	6	0	0	0	12	3	3	6	
Special Projects	1	1	0	1	8	4	4	0	
Corp. Special Projects	0	0	0	0	1	0	1	0	
On Site Monitoring	1	0	2	0	5	1	3	1	
Information Mgmt.	4	0	0	0	9	4	1	4	
Preparedness	5	0	0	0	14	6	3	5	
Quality Assurance	4	1	0	1	11	6	2	3	
Removal PRP	3	0	0	0	8	4	1	3	
Site Assessment	4	0	1	0	37	6	27	4	
Training	2	0	3	0	17	3	12	2	
Technical Assistance	7	1	1	1	31	7	18	6	
TOTAL	43	3	8	3	203	54	109	40	

NOTE: "Opened" reflects all TDD numbers opened during the period specified.

"Interim" reflects all TDDs signed as interim closures BUT NOT final closures during the period specified.

"Closed" reflects all TDDs signed as final closures during the period specified.

"Completed" reflects all TDDs signed as interim closures or final closures for the first time during the specified period.